

ABSTRACT

5 The invention provides a lens system for a plurality of charged particle beams. Therein, at least one common excitation coil for at least two lens modules is provided. The lens modules comprise a first pole piece, a second pole piece and at least one opening for a charged particle beam. The lens modules constitute a component and share the excitation coil. Thereby, raw material availability, processing of work pieces and
10 symmetry conditions for the lens fields are improved.

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Fig. 1c